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PATENT APPLICATION  
Docket No: 14321.67

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
)  
Nobuhiro Nunoya et al. )  
)  
Serial No.: 10/527,355 ) Art Unit  
) 2811  
Filed: March 7, 2005 )  
)  
Confirmation No.: 4938 )  
)  
For: OPTICAL SEMICONDUCTOR DEVICE AND )  
OPTICAL SEMICONDUCTOR INTEGRATED CIRCUIT )

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that the following documents are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on the 24<sup>th</sup> day of February 2006.

- Transmittal for Supplemental Information Disclosure Statement (3 pages)
- Supplemental Information Disclosure Statement (2 pages)
- Form PTO-1449 listing 4 references (2 pages)
- A copy of each of the references listed on the Form PTO-1449
- Postcard

Respectfully submitted,

DANA L. TANGREN  
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Registration No. 37,246  
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed listed references are disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof that is not a US patent document is also enclosed.

Dated this 24<sup>th</sup> day of February 2006.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Dana L. Tangren", written in a cursive style.

DANA L. TANGREN  
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Registration No. 37,246  
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Telephone No. 801.533.9800

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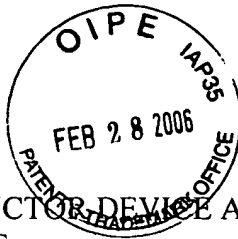
Form PTO-1449

Applicant: Nobuhiro Nunoya et al.

Serial No.: 10/527,355

Filing Date: March 7, 2005

For: OPTICAL SEMICONDUCTOR DEVICE AND OPTICAL SEMICONDUCTOR  
INTEGRATED CIRCUIT



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Confirmation No.: 4938

Att'y Docket No.: 14321.67

Art Unit: 2811

SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
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Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>	<u>Translation</u>
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Other Documents

(including author, title, pertinent pages, etc.)

Examiner  
Initial\*

- \_\_\_\_ 1 T. Tanaka et al., *Hybrid Integrated External Cavity Laser without Temperature Dependent Mode Hopping*, Electronics Letters, Vol. 35, No. 2, January 21, 1999, pp. 149-150.
- \_\_\_\_ 2 Takeshi Kurosaki et al., *A Method for Reduction in Internal Reflection of Monolithically Integrated Optical Devices with Butt-Jointed Optical Waveguides*, C-I, Vol. J79-C-I, No. 12, December 25, 1996, pp. 482-483 (with concise English translation).
- \_\_\_\_ 3 Yoshiaki Nakano et al., *Analysis of DFB, and DBR Lasers Coupled to Fabry-Perot Resonator with Consideration on Their Temperature Compensation Properties*, Department of Electronic Engineering, University of Tokyo, July 24, 1985, pp. 55-56 (with concise English translation).
- \_\_\_\_ 4 Toru Kusakawa, *Lens Optics*, Tokai University Press, December 25, 1998, pp. 273-288 (with concise English translation).

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 2 of 2

Applicant: Nobuhiro Nunoya et al.

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### References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner:

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